

The Commonwealth of Massachusetts

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ANNUAL REPORT

OF THE

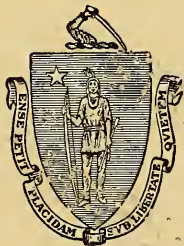
*Mass.*  
TRUSTEES OF THE GRAFTON  
STATE HOSPITAL *at Taunton*

*Grafton and Taunton (Barnstable)*  
FOR THE

YEAR ENDING NOVEMBER 30, 1924

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DEPARTMENT OF MENTAL DISEASES



# OFFICERS OF THE HOSPITAL

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HIRAM L. HORSMAN, M.D.....	<i>Assistant Superintendent</i>
H. WILBUR SMITH, M.D.....	<i>Senior Assistant Physician</i>
JAMES L. McAUSLAN, M.D.....	<i>Senior Assistant Physician</i>
BUELL L. ASHMORE, M.D.....	<i>Senior Assistant Physician and Pathologist</i>
MARY JOHNSON, M.D.....	<i>Assistant Physician</i>
CHARLES F. LAFLEUR, M.D.....	<i>Assistant Physician</i>
GEORGE O. TESSIER, D.M.D.....	<i>Dentist</i>
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SUSIE G. WARREN.....	<i>Treasurer</i>

## CONSULTING SURGEON

LEMUEL F. WOODWARD, M.D.....	Worcester
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## The Commonwealth of Massachusetts

### TRUSTEES' REPORT

*To His Excellency the Governor and the Honorable Council:*

The Trustees of the Grafton State Hospital present herewith the forty-seventh annual report with the Superintendent's and Treasurer's report appended.

During the past year, great progress has been made in every department of the Institution. All of the buildings have been painted and the sanitary conditions improved.

The various wards present a cheerful and homelike appearance with furnishings and decorations made by the patients under the guidance of the Occupational Therapists. Pictures adorn the walls, plants and flowers brighten the wards and the patients are made as comfortable and happy as is possible under their condition.

We are proud to state that the care of our patients has reached such a high standard that there has not been one case of restraint during the entire year. There have been no serious accidents and very few escapes. When one considers the many opportunities for escape and the great possibility of accident to which the patients here are submitted, due to the fact that they are obliged to go out-of-doors to dining-rooms for their meals, this record certainly reflects great credit on those in charge.

Many and varied entertainments have been provided and the interest of the community in the welfare of the patients has been awakened and encouraged. Prominent representatives of Women's clubs and fraternal organizations have visited the hospital and provided entertainment for them. The Worcester Medical Society held a meeting here in November and the members expressed themselves as being highly pleased with the manner of administration here.

The Hospital Trustees Association of Massachusetts has been invited to hold its next meeting at this Hospital and a pleasant and profitable meeting in May is being anticipated.

The industrial work has been greatly increased this past year; activities in this

une are being promoted on the various wards as well as in the industrial rooms, the instructor having been successful in interesting many more in this way.

Farming has been carried on extensively and successfully, larger and better crops having been harvested than ever before. Poultry is being successfully raised, this being one of the few state hospitals which have been able to make poultry raising profitable. At the end of the year, our great herd was found to be entirely free from tuberculosis.

The high tension lines of the lighting system have been put underground, thus insuring us against crippled service during severe storms.

The gigantic task of clearing large tracts of land from rocks and adding many acres of good farming land as well as obtaining thousands of tons of rock for the construction of roads has been one of the large undertakings of the Superintendent this last year. The dire necessity of good roads at this hospital, where there is so much travelling to be done, impressed Dr. Paine when he became Superintendent, and he has done remarkable work along this line in the few years he has been in charge, especially this past year.

Unightly land-marks, the old horse and cow barns, have been torn down and the new farm group occupied.

The entire landscape has been beautified and the dangerous road with blind curve opposite the Administration Building has been changed to a safe and attractive one.

The addition to the Pines Kitchen for which \$15,000 was appropriated was built during the year. The dairy building at the farm group was constructed and the old barn at the Oaks Group was rebuilt and made into an efficient unit for our young stock.

The new house for the steward is built and occupied.

The landscape work that has been continued around the Administration Building has greatly improved and materially added to the attractiveness of this place.

The construction of a viaduct to bridge the valley at the Willows Group has been started and it is hoped to have it completed for dedication on the occasion of the meeting of the Hospital Trustees Association here in May.

An extensive program of Christmas festivities was carried out during the holiday season.

The graduation exercises of the Training School for Nurses was made an interesting and notable event. Nearly every member of the Board of Trustees was present on the occasion.

Many complimentary letters have been received from the relatives and guardians of patients, expressing their appreciation of the good care, kindly interest and courteous treatment given at this Hospital.

For the tenth consecutive year we ask for an appropriation for a Chapel and Assembly Hall. When the Board of Trustees of the Grafton State Hospital was created in 1915, this building was considered to be one of the great necessities of this Institution. Since that time our population has increased to over 1,400 patients with a proportionate increase of nurses, attendants and employees and although we have asked for an appropriation every year, we are again obliged to repeat this request. It is doubtful if there is another State Hospital without this accommodation and we wish that you might realize the dire necessity of this building as we do.

Subways for the patients from the various day-buildings to the service building, where they are obliged to go for their meals, is another pressing need. Exposed as they are to the inclemency of the weather and to the dangerous travelling conditions of the winter months, it is apparent that this provision should be made. It would also remove one great liability of escape to which they are exposed and would in relieve the mind of the Superintendent from this cause of constant worry.

Patient labor could be used on both of these projects which would minimize the cost, as our Superintendent has so well demonstrated in the many large undertakings he has successfully accomplished with the work of patients.

Two sun-rooms for Elms A are very badly needed. These male wards contain a disturbed type of patient, some of whom cannot be allowed outdoors, and the sun-rooms would provide an excellent opportunity for them to get the air, also to smoke, doing away with the fire risk of smoking in the wards.



Automatic fire extinguishers should be installed in the laundry building since a fire there would incapacitate our entire heating plant.

Grafton State Hospital comprises many buildings scattered over an extensive area, not according to a prospective plan, but on hill or in valley as fancy dictated. The result is that it is far more difficult to superintend, more expensive to maintain and more exposed to escapes than any hospital that we know of with this large number of patients. Notwithstanding all this, due to the vision and efficiency of our able Superintendent the statistics of Grafton State Hospital compare favorably with the best records in the State, while the tremendous amount of constructive work undertaken and successfully accomplished with the type of patient at this Institution is the marvel and admiration of all who visit the Hospital.

Too much cannot be said in *commendation* of our esteemed Superintendent, Dr. Harlan L. Paine, for the remarkable results attained in every department of the Hospital. We are deeply indebted to him and to his faithful staff, who have loyally co-operated with him, for this very gratifying report of the Grafton State Hospital for 1924.

FRANK B. HALL,  
WINSLOW P. BURHOE,  
FRANCIS PRESCOTT,  
ERNEST L. ANDERSON,

MARGARET A. CASHMAN,  
FLORA M. CANGIANO,  
ENOS H. BIGELOW.

## SUPERINTENDENT'S REPORT

### *To the Board of Trustees of the Grafton State Hospital:*

It is very gratifying to be able to report great progress in every department of the Hospital during the past year. The patients are comfortably housed, well cared for, well fed and happy. As proof of this I might bring to your attention the very small number of patients that have made attempts to escape. Surely in this Hospital, where all patients must go out-of-doors to dining-rooms for their meals, the opportunity is enormous, yet this Institution has very, very few escapes.

We are again able to report another year without a serious accident.

Our buildings have all been improved and decorated so that there is not much more to be done except to maintain them in good condition. However, there remains plenty of work to be done on our grounds and roads, although great progress has been made in this field during the past year.

The greater part of our activities in the future must be outdoors.

Roads have been built that should have been constructed years ago. In fact, I believe that in a Colony Institution roads should be constructed before a building is erected.

Our first activities of the year consisted in tearing down the old horse and cow barns at the Employees' Group. We later constructed a road to the new barns, the first hundred feet of this being reenforced concrete; also a new cement walk and steps at Employees' Cottage, and new cement steps at the Pines Group. Considerable time later was put in in finishing the interior of the Laundry Building.

Six thousand feet of maple flooring was installed in Elms A and new floors in the corridors of Pines C. The old, rotten base-boards in these buildings were removed and new colored cement base-boards were installed.

Start was made on concrete walk at the Administration Building, which has been very useful in diverting water from the basements.

A new cement and iron pipe conduit under the railroad tracks was installed, which does away with a dangerous condition, as the entire male side would have been without heat in winter should anything have happened to the old steam line under the tracks. We now have an auxiliary line that can be used by simply opening a valve. This goes under the main tracks of the Boston & Albany Railroad.

A new cottage has been built for the steward.

The capacity of the old ice-house was doubled.

A two-story concrete building was constructed at the piggery to be used on the first floor as a cook-house and on the second floor for garbage and grain storage.

Rock wings were constructed and filling installed between so that the swill-wagon may be driven in on the second floor and deposit its garbage which is allowed to then drop into the cooker on the first floor.

The dairy building was constructed in the new farm group, the milking machine was installed and the new cow barns finished.

The old barn at the Oaks, whose sills rested on the ground, was rebuilt after being completely cleaned and disinfected. This was done during the summer so that it was completed in time to receive our young stock when it returned from pasture. New concrete sills were cast there and concrete blocks installed up to the height of the windows. Above this, metal lathing and concrete plaster were used, so that at the present time we have a very fine barn there, which is ideal for its purpose, viz., caring for young stock.

A sprinkler system was installed in the basement of the Employees' Cottage and the basement of Pines D, where bad fire risks existed. This large room in Pines D, which was finished the year before, is being used as a female industrial room.

The contract for the building of the new Pines kitchen was awarded to the P. H. Provençal Company of Ware, Mass., and they have completed their work. Our own men must now install equipment and when they have done this, we expect to close the kitchen at the Willows Group, thus saving the wages of two cooks.

Great progress has been made in the laying of vitrified clay conduit for high-tension wires and installation of manholes. Underground connection has now been made as far as the Elms Nurses' Home.

Thousands of tons of rock have been moved, and the quantity broken up may be indicated by the fact that we used as much as two hundred pounds of dynamite per week. Five acres of land have been cleared in the vicinity of the Red Bridge and, as with all our land before being cleared, one can walk all over the field and not once step off of rock. Thousands of tons of rock in this area of five acres have been used in the foundation of the road from Pines Service Building to Willows B. This will provide a wide level road across the valley that will do away with the winding cart path that has functioned for twenty years. During the summer female patients worked on this road, doing the light work, reclaiming loam, etc., and during the last two months of the year we have been able to put men to work installing the stone work. This road will be twenty-nine feet wide and fourteen feet deep in places. Considerable progress had already been made at the end of the fiscal year.

The foundation of a road from the main highway to Elms B has been installed this year and this huge task has been done by patients that are so demented that they could not work on the farm, and a large group of this type of patient has been kept at the entire summer and fall.

Great progress has been made on landscape work in the rear of the Administration Building and the grading and filling at the Elms Quadrangle.

A great deal of drain pipe has been installed and a complete system of drainage for surface water and sewerage has been worked out and installed from the barns and steward's house.

Four thousand evergreen trees, including Douglas fir and spruce, were set out this year, making a total of nine thousand evergreen trees set out during the past two years.

Farm production was the greatest in the history of the Hospital, with the best quality of produce. On July 31 our first crop of potatoes was taken from our own ground, and our production for the year was sixty-four hundred bushels, and all other vegetables in like proportion,—onions—sixteen hundred bushels, carrots—eighteen hundred bushels, etc.

We have increased the average yield of milk per cow over last year two thousand one hundred and ninety-eight (2,198) pounds.

Great credit for this wonderful success in farming and other outdoor activities, such as road-building and grading, is due to our head farmer, Mr. Edward Newton, and our Colony Supervisor, Mr. Hilkey Conrad.

During the summer months we had the services of Mr. John D. Bennett and Mr. Frederick H. Salls, who were very helpful in doing a complete physical examination, urine examination, etc., in the case of every patient in the Institution.

We need and have asked for the following:

New window-guards at Pines B, \$1,500.00.

For alterations at Locust Cottage, so that it may be made usable for caring for one family and five farmhands, \$2,000.00.

Radiator guards at Elms A to protect epileptic patients from burns, \$750.00.

Register faces at Pines B, C and D, \$500.00. This will enable us to shut off heat from floors not being used and should conserve a large amount of coal.

\$1,350.00 is requested for repairing elevators so as to conform with state laws.

\$1,000.00 for repairs to the stone crusher.

\$2,000.00 for repairs to the railroad bridge.

A small sum of \$6,000.00 is asked for tunnels to connect the Pines buildings. As stated previously, the need for this and other sums for such purposes is very great since most of our patients need to go out to their meals in all kinds of weather, and tunnels would be a splendid thing for their protection and reduce the danger of escape.

We make our usual annual request for the chapel.

\$8,000.00 for a new horse barn.

\$6,000.00 for a building that would contain three storerooms, one for the electrician, one for the plumber and one for the steamfitters; a large workshop for the mechanic; and the basement, which would be absolutely fire-proof, would be used as a paint-shop, and enable us to remove this fire menace from our carpenter shop.

\$4,000.00 for automatic extinguishers for Laundry Building. These are very necessary, since a bad fire here would incapacitate our heating plant, which would be a major catastrophe should it occur in cold weather.

\$1,175.00 for a dough mixer for the bakery.

\$400.00 to install fan in Elms kitchen.

\$520.00 for a portable painting machine.

\$2,172.17 for sewerage connections—Power House, Carpenter Shop and Store House.

\$1,101.58 to make two rooms in the attic of the Administration Building.

\$848.79 to make two rooms in the attic of the Power House Building.

\$1,000.00 for lead-covered telephone cable and guy wire and supports.

\$900.00 for an endless chain elevator for the ice house.

\$588.50 for a valve reseating outfit for the power house.

\$6,352.22 for two sunrooms at Elms A.

\$3,142.80 for fifteen poultry houses at the Oaks Group.

\$5,242.95 for a canning house.

\$6,362.95 for a greenhouse.

\$1,500.00 to continue putting high voltage wires underground.

\$421.85 to plaster the ceiling of the laundry annex.

\$620.88 for manure pit at the Oaks cow barn.

\$620.88 for manure pit at the employees' cow barn.

In closing my report, I wish to thank you, the Board of Trustees, for the great interest you have always shown; for the many hours that you have given for the welfare of the hospital, and to assure you that if you had not been so generous with your time, enthusiasm and appreciation, the great good done by the Grafton State Hospital could not have been accomplished.

Respectfully submitted,

HARLAN L. PAINE, M.D.



## TREASURER'S REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1924.

## CASH ACCOUNT

<i>Income</i>	<i>Receipts</i>		
Board of Inmates:			
Private.....	\$1,968.00		
Reimbursements, insane.....	24,472.92		
			\$26,440.92
Personal services:			
Reimbursement from Board of Retirement.....			173.18
Sales:			
Food.....	\$2,979.11		
Clothing and materials.....	175.27		
Medical and general care.....	29.62		
Farm:			
Cows and calves.....	\$343.98		
Hides.....	188.81		
Milk.....	227.20		
Ice.....	4.64		
Use of truck.....	2.00		
Sundries, gasoline.....	2.31		
		768.94	
Repairs, ordinary, junk.....	357.77		
			4,310.71
Total sales.....			
Miscellaneous:			
Interest on bank balances.....	\$458.26		
Rent.....	1,093.06		
			1,551.32
Total income.....			\$32,476.13

## MAINTENANCE

Balance from previous year, brought forward.....			\$567.48
Appropriation, current year.....	\$533,885.00		
Personal service.....	2,000.00		
Cows.....	2,315.05		
			538,200.05
Total.....			\$538,767.53
Expenses (as analyzed below).....			481,238.85
Balance reverting to Treasury of Commonwealth.....			\$57,528.68
<i>Analysis of Expenses</i>			
Personal services.....			\$248,758.25
Religious instruction.....			1,428.00
Travel, transportation and office expenses.....			4,395.01
Food.....			74,564.29
Clothing and materials.....			20,604.56
Furnishings and household supplies.....			25,713.76
Medical and general care.....			15,998.89
Heat, light and power.....			23,866.16
Farm.....			30,815.49
Garage, stable and grounds.....			7,224.12
Repairs, ordinary.....			18,686.95
Repairs and renewals.....			9,183.37
Total expense for maintenance.....			\$481,238.85

## SPECIAL APPROPRIATIONS

Balance December 1, 1923.....			\$22,835.63
Appropriations for current year.....			15,000.00
Total.....			\$37,835.63
Expended during the year (see statement below).....		\$31,238.78	
Reverting to Treasury of Commonwealth.....		275.99	
			31,514.77
Balance November 30, 1923, carried to next year.....			\$6,320.86

OBJECT	Act or Resolve	Whole Amount	Expended during Fiscal Year	Total Expended to Date	Balance at End of Year
Water supply.....	C313-1917	\$105,000.00	\$12,228.14	\$104,459.34	\$540.66
Water system.....	C129-1922	45,000.00	1,812.04	44,060.94	39.06*
Cottage.....	C129-1922	5,000.00	3,207.99	4,972.60	27.40*
Certain barns.....	C129-1922	15,000.00	4,770.81	14,790.47	209.53*
Kitchen at Pine Group (1924)...	C126-1924	15,000.00	9,219.80	9,219.80	5,780.20
		\$185,000.00	\$31,238.78	\$178,403.15	\$6,596.85

\*Balance reverting to Treasury of the Commonwealth..... \$275.99  
 Balance carried to next year..... 6,320.86

Total as above..... \$6,596.85

PER CAPITA

During the year the average number of inmates has been 1,444.42.  
Total cost for maintenance, \$481,238.85.  
Equal to a weekly per capita cost of \$6,407. (52 weeks to year.)  
Receipt from sales, \$4,310.71.  
Equal to a weekly per capita of \$0.054.  
All other institution receipts, \$28,165.42.  
Equal to a weekly per capita of \$0.378.  
Net weekly per capita, \$5.98.

Respectfully submitted,  
  
SUSIE G. WARREN,  
*Treasurer.*

VALUATION  
NOVEMBER 30, 1924

REAL ESTATE

Land (908 acres).....	\$28,426.50
Building.....	1,432,711.78
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	\$1,461,138.28

PERSONAL PROPERTY

Travel, transportation and office supplies.....	\$510.68
Food.....	23,933.50
Clothing and materials.....	27,535.27
Furnishings and household supplies.....	91,597.28
Medical and general care.....	8,764.07
Heat, light and power.....	5,694.03
Farm.....	30,586.96
Garage, stable and grounds.....	5,770.79
Repairs.....	19,332.95
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	\$213,725.53

SUMMARY

Real estate.....	\$1,461,138.28
Personal property.....	213,725.53
	<hr/>
	\$1,674,863.81

STATISTICAL TABLES

AS ADOPTED BY AMERICAN PSYCHIATRIC ASSOCIATION  
PRESCRIBED BY MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1.—General Information.

1. Date of opening institution, Oct. 23, 1877.			
2. Type of institution, State.			
3. Hospital plant:			
Real estate, including building.....			\$1,461,138.28
Personal property.....			213,725.53
			<hr/>
Total.....			\$1,674,863.81
Total acreage, 908.			
Acreage under cultivation, 180.25.			
4. Medical service:	Men	Women	Total
Superintendent.....	1	—	1
Assistant superintendent.....	1	—	1
Assistant physicians.....	4	1	5
Dentist.....	1	—	1
	<hr/>	<hr/>	<hr/>
	7	1	8
5. Employees:			
Graduate nurses.....	—	14	14
Other nurses and attendants.....	57	50	107
Social worker.....	—	1	1
All other employees.....	86	69	155
	<hr/>	<hr/>	<hr/>
	143	134	277
6. Percentage of patients employed during year.....	59	44	52

TABLE 2.—Financial Statement.

See treasurer's report for data requested under this table.





TABLE 4.—*Nativity of First Admissions, and of Parents of First Admissions.*

	Patients			Parents of Male Patients			Parents of Female Patients		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
United States.....	10	5	15	2	1	3	1	2	3
Ireland.....	—	2	2	2	3	5	3	3	6
Russia.....	—	—	—	1	1	2	—	—	—
Canada.....	—	—	—	1	3	4	1	—	1
Poland.....	—	—	—	—	—	—	1	1	2
Norway.....	—	—	—	—	—	—	1	1	2
Sweden.....	1	1	2	1	—	1	1	1	2
Lithuania.....	1	—	1	—	—	—	—	—	—
Germany.....	—	—	—	1	—	1	—	—	—
Scotland.....	—	—	—	—	1	1	—	—	—
Unascertained.....	—	—	—	4	3	7	—	—	—
Total.....	12	8	20	12	12	24	8	8	16

TABLE 5.—*Citizenship of First Admissions.*

	M.	F.	T.
Citizens by birth.....	10	5	15
Aliens.....	2	1	3
Unascertained.....	—	2	2
Total.....	12	8	20

TABLE 6.—*Psychoses of First Admissions.*

PSYCHOSES	M.	F.	T.	M.	F.	T.
Epileptic (total).....	—	—	—	11	8	19
Deterioration.....	7	4	11	—	—	—
With psychosis.....	4	3	7	—	—	—
Mental deficiency.....	—	1	1	—	—	—
Mental deficiency.....	1	—	1	1	—	1
Total.....	—	—	—	12	8	20

TABLE 7.—*Races of First Admissions, Classified with Reference to Psychoses.*

RACE	PSYCHOSIS								
	TOTAL			EPILEPTIC			MENTAL DEFICIENCY		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
English.....	1	2	3	1	2	3	—	—	—
Hebrew.....	1	—	1	—	—	—	1	—	1
Irish.....	4	3	7	4	3	7	—	—	—
Mixed.....	3	—	3	3	—	3	—	—	—
Scandinavian.....	1	1	2	1	1	2	—	—	—
Slavonic.....	—	1	1	—	1	1	—	—	—
Scandinavian.....	—	1	1	—	1	1	—	—	—
Lithuanian.....	1	—	1	1	—	1	—	—	—
Unascertained.....	1	—	1	1	—	1	—	—	—
Total.....	12	8	20	11	8	19	1	—	1

TABLE 8.—*Age of First Admissions, Classified with Reference to Principal Psychoses.*

PSYCHOSES	YEARS TOTAL			20-25 YEARS			25-30 YEARS			30-35 YEARS			35-40 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Mental deficiency with psychosis.....	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Epileptic.....	11	8	19	1	2	3	1	—	1	7	2	9	—	1	1
Total.....	12	8	20	2	2	4	1	—	1	7	2	9	—	1	1

TABLE 8.—*Age of First Admissions, Classified with Reference to Principal Psychoses—Concluded.*

PSYCHOSES	40-45 YEARS			45-50 YEARS			50-55 YEARS			OVER 70 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Mental deficiency with psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—
Epileptic.....	—	1	1	—	1	1	2	—	2	—	1	1
Total.....	—	1	1	—	1	1	2	—	2	—	1	1

TABLE 9.—*Degree of Education of First Admissions, Classified with Reference to Psychoses.*

PSYCHOSES	TOTAL			COMMON SCHOOL			HIGH SCHOOL			ILLITERATE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic.....	11	8	19	8	7	15	1	—	1	2	1	3
Mental deficiency.....	1	—	1	1	—	1	—	—	—	—	—	—
Total.....	12	8	20	9	7	16	1	—	1	2	1	3

TABLE 10.—*Environment of First Admissions, Classified with Reference to Principal Psychoses.*

PSYCHOSES	TOTAL			URBAN			RURAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic.....	11	8	19	11	8	19	—	—	—
Mental deficiency.....	1	—	1	1	—	1	—	—	—
Total.....	12	8	20	12	8	20	—	—	—

TABLE 11.—*Economic Condition of First Admissions, Classified with Reference to Principal Psychoses.*

PSYCHOSES	TOTAL			MARGINAL			COMFORTABLE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic.....	11	8	19	8	5	13	3	3	6
Mental deficiency.....	1	—	1	1	—	1	—	—	—
Total.....	12	8	20	9	5	14	3	3	6

TABLE 12.—*Use of Alcohol by First Admissions, Classified with Reference to Principal Psychoses.*

PSYCHOSES	TOTAL			ABSTINENT			TEMPERATE			INTEMPERATE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic.....	11	8	19	5	8	13	5	—	5	1	—	1
Mental deficiency.....	1	—	1	1	—	1	—	—	—	—	—	—
Total.....	12	8	20	6	8	14	5	—	5	1	—	1



TABLE 13.—*Marital Condition of First Admissions with Reference to Principal Psychoses.*

PSYCHOSES	TOTAL			SINGLE			MARRIED		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic . . . . .	11	8	19	8	8	16	3	0	3
Mental deficiency . . . . .	1	—	1	1	—	1	—	—	—
Total . . . . .	12	8	20	9	8	17	3	—	3

TABLE 14.—*Psychoses of Re-admissions.*

PSYCHOSES	M.	F.	T.
Epilepsy, with deterioration . . . . .	4	—	4
Manic depressive . . . . .	—	1	1
Paranoid dementia præcox . . . . .	1	—	1
Catatonic dementia præcox . . . . .	—	1	1
Total . . . . .	5	2	7

TABLE 15.—*Discharge of Patients Classified with Reference to Principal Psychoses and Condition on Discharge.*

PSYCHOSES	TOTAL			IMPROVED			UNIMPROVED		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Dementia præcox . . . . .	11	3	14	—	—	—	11	3	14
Epileptic . . . . .	4	4	8	3	4	7	1	—	1
Manic depressive . . . . .	1	1	2	—	—	—	1	1	2
Alcoholic psychosis . . . . .	1	—	1	—	—	—	1	—	1
Mental deficiency . . . . .	1	1	2	—	—	—	1	1	2
With psychopathic personality . . . . .	1	—	1	1	—	1	—	—	—
Psychoesthesia . . . . .	1	—	1	—	—	—	1	—	1
General paralysis . . . . .	1	—	1	—	—	—	1	—	1
Total . . . . .	21	9	30	4	4	8	17	5	22

TABLE 16.—*Causes of Death of Patients, Classified with Reference to Principal Psychoses.*

CAUSES OF DEATH	TOTAL			SENILE			ALCOHOLIC			MANIC DEPRESSIVE			INVOLUTIONAL MELANCHOLIA.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
General diseases:															
Tuberculosis of lungs	13	8	21												
Tuberculosis of right knee joint . . . . .	—	1	1												
Pulmonary edema . . . . .	—	1	1												
Tuberculosis meningitis . . . . .	—	1	1												
Pernicious anemia . . . . .	—	1	1												
Cancer . . . . .	1	1	2												
Nervous system:															
Cerebral hemorrhage . . . . .	—	2	2												
Epilepsy . . . . .	4	1	5												
Circulatory system:															
Chronic endocarditis . . . . .	2	1	3										—	1	1
Chronic myocarditis . . . . .	4	2	6				2	—	2						
Chronic valvular heart disease . . . . .	3	1	4				1	—	1						
Angina pectoris . . . . .	—	1	1				—	1	1						
Sudden death (presumably heart dis.) . . . . .	1	1	2							1	—	1			
Respiratory system:															
Bronchopneumonia . . . . .	—	1	1	—	1	1									
Lobar pneumonia . . . . .	—	1	1												
Pneumonia (unspecified) . . . . .	—	1	1												
Digestive system:															
Enterocolitis . . . . .	1	—	1												
Cirrhosis of liver . . . . .	1	—	1												
General peritonitis . . . . .	—	1	1												
Fracture of skull (from accidental fall during seizure) . . . . .	1	—	1												
Total . . . . .	31	26	57	—	1	1	3	1	4	1	—	1	—	1	1

TABLE 16.—Causes of Death of Patients, Classified with Reference to Principal Psychoses—Concluded.

CAUSES OF DEATH	DEMENTIA PRAECOX			EPILEPTIC			PSYCHOPATHIC PERSONALITY			MENTAL DEFICIENCY		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
General diseases:												
Tuberculosis of lungs	5	7	12	5	—	5				3	1	4
Tuberculosis of right knee joint.....				—	1	1						
Pulmonary edema....	—	1	1									
Tuberculosis menin- gitis.....	—	1	1									
Pernicious anemia....				—	1	1						
Cancer.....	1	1	2									
Nervous system:												
Cerebral hemorrhage.	—	2	2									
Epilepsy.....				4	1	5						
Circulatory system:												
Chronic endocarditis.	2	—	2									
Chronic myocarditis..	2	1	3				—	1	1			
Chronic valvular heart disease.....	2	—	2	—	1	1						
Angina pectoris.....												
Sudden death (pre- sumably heart dis.).				—	1	1						
Respiratory system:												
Bronchopneumonia..												
Lobar pneumonia....				—	1	1						
Pneumonia (unspeci- fied).....				—	1	1						
Digestive system:												
Enterocolitis.....	1	—	1									
Cirrhosis of liver....	1	—	1									
General peritonitis...	—	1	1									
Fracture of skull (from accidental fall dur- ing seizure).....				1	—	1						
Total.....	14	14	28	10	7	17	—	1	1	3	1	4

TABLE 17.—Age of Patients at Time of Death, Classified with Reference to Principal Psychoses.

PSYCHOSES	TOTAL			15-20			21-25			26-30			31-35			36-40			41-45		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Dementia præcox.....	14	14	28							—	1	1	2	—	2	3	1	4	1	3	4
Senile dementia...	—	1	1																		
Alcoholic psychosis...	3	1	4																		
Manic depressive..	1	—	1																		
Involutional melancholia	—	1	1																		
Epileptic.....	10	7	17	1	—	1	2	—	2	1	—	1				1	2	3			
Psychopathic personality..	—	1	1																		
Mental deficiency..	3	1	4							1	—	1				—	1	1	1	—	1
Total.....	31	26	57	1	—	1	2	—	2	2	1	3	2	—	2	4	4	8	2	3	5

TABLE 17.—*Age of Patients at Time of Death, Classified with Reference to Principal Psychoses—Concluded.*

PSYCHOSES	46-50			51-55			56-60			61-65			66-70		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Dementia præcox.....	-	1	1	1	3	4	-	2	2	-	1	1	2	1	3
Senile dementia....															
Alcoholic psychosis....							-	1	1	1	-	1	2	-	2
Manic depressive....													1	-	1
Involuntary melancholia..							-	1	1						
Epileptic.....	1	-	1	1	1	2	1	-	1	-	2	2	1	-	1
Psychopathic personality..															
Mental deficiency....	1	-	1												
Total.....	2	1	3	2	4	6	1	4	5	1	3	4	6	1	7

TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital, Classified According to Psychoses.*

PSYCHOSES	TOTAL			1-3 MONTHS			8-12 MONTHS			3-4 YEARS			5-10 YEARS			10-15 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile dementia.....	-	1	1				-	1	1				1	1	2	2	-	2
Alcoholic.....	3	1	4										1	-	1			
Manic depressive.....	1	-	1										4	6	10	3	3	6
Dementia præcox.....	14	14	28							1	1	2						
Involuntary melancholia..	-	1	1							-	1	1						
Psychopathic personality...	-	1	1										-	1	1			
Mental deficiency.....	3	1	4													3	1	1
Epileptic.....	10	7	17										4	4	8	-	3	3
Total.....	31	26	57	2	-	2	-	2	2	2	3	5	10	12	22	8	4	12

TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital, Classified According to Psychoses.*

PSYCHOSES	16-20 YEARS			21-25 YEARS			26-30 YEARS			41-45 YEARS			55-50 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile dementia.....															
Alcoholic.....															
Manic depressive.....															
Dementia præcox.....	3	2	5	1	2	3				1	-	1	1	-	1
Involuntary melancholia....															
Psychopathic personality....															
Mental deficiency.....	2	-	2	1	-	1									
Epileptic.....	-	1	1												
Total.....	5	3	8	2	2	4				1	-	1	1	-	1



TABLE 19.—*Family Care Department.*

	M.	F.	T.
Remaining September 30, 1923.....	—	11	11
Admitted within year.....	1	3	4
Whole number cases within year.....	1	14	15
Dismissed during year.....	—	5	5
Remaining September 30, 1924.....	1	9	10
Supported by State.....	—	6	6
Number of different persons within year.....	1	14	15
Number of different persons dismissed within year.....	—	5	5
Daily average number.....	.25	9.5	9.75
State.....	—	6	6

